

E. Noon
1/19

CONTRACT LABORATORY PROGRAM
Tracking Samples Shipped/Recording Shipping Information

Case Number: _____

SAS Number: 5192 J

Project Name: Colbert Landfill

WATER SAMPLES - ORGANICS

Full
BNAs (X.4)
Pest/PCBs (X.4)
VOAs (X.2)

On 1/17 8 samples for Dioxin were shipped to HAZELTON delivery 1/18
(date) (#) (circle one) (lab) (date)

Sample # _____ Airbill # 989326 9466

If SAS Why? Low Level VOA

General Comments _____

WATER SAMPLES - INORGANICS ORGANICS

VOAs
~~Metals + CN~~

On 1/17 2 samples for Metals Only were shipped to MANCHESTER delivery 1/18
(date) (#) (lab) (date)

Sample # _____ Airbill # 989 326 9444

If SAS Why? to

General Comments Manchester is acting as Reference Lab.

SOIL/SEDIMENT SAMPLES - ORGANICS

Full
BNAs (X.4)
Pest/PCBs (X.4)
VOAs (X.2)

On _____ samples for Dioxin were shipped to _____ delivery _____
(date) (#) (circle one) (lab) (date)

Sample # _____ Airbill # _____

If SAS Why? _____

General Comments _____

SOIL/SEDIMENT SAMPLES - INORGANICS

Metals + CN

On _____ samples for Metals Only were shipped to _____ delivery _____
(date) (#) (lab) (date)

Sample # _____ Airbill # _____

If SAS Why? _____

General Comments _____

USEPA SF



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U.S. ENVIRONMENTAL PROTECTION AGENCY
CLP Sample Management Office
P.O. Box 818 - Alexandria, Virginia 22313
Phone: 703/557-2490 - FTS/557-2490

SAS Number
51925

SPECIAL ANALYTICAL SERVICES

Client Request:

☐ Regional Transmittal

☐ Telephone Request

- A. EPA Region/Client: Region X
- B. RSCC Representative: Dennis Robinson
- C. Telephone Number: (206) 442-2147 (FTS) 399-2147
- D. Date of Request: January 9, 1990
- E. Site Name: Colbert Landfill, Spokane, WA
- F. Site Spill ID: 01

Please provide below description of your request for Special Analytical Services under the Contract Laboratory Program. In order to most efficiently obtain laboratory capability for your request, please address the following considerations, if applicable. Incomplete or erroneous information may result in a delay in the processing of your request. Please continue response on additional sheets, or attach supplementary information as needed.

1. General description of analytical service requested:
The samples will be analyzed for VOAs using EPA Method 524.2.
2. Definition and number of work units involved (specify whether whole samples or fractions; whether organics or inorganics; whether aqueous or soil and sediments; and whether low, medium or high concentration):
There will be two water samples submitted for low level VOA analysis.
3. Purpose of analysis (specify whether Superfund (enforcement or remedial action, RCRA, NPDES, etc.): The samples will be collected for superfund remedial action purposes.

4. Estimated date(s) of collection: The samples will be collected the week of January 15th, 1990.
5. Estimated date(s) and method of shipment: The samples will be shipped via Federal Express the week of January 15th, 1990.
6. Number of days analysis and data required after laboratory receipt of samples: The completed package is required thirty-five days from sample receipt.
7. Analytical protocol required (attach copy if other than a protocol currently used in this program): The protocol to be used is EPA Drinking Water Method 524.2, Volatile Organics Compounds in Water by Purge Trap Capillary Column Gas Chromatography/Mass Spectrometry.
Target parameters are those listed on Attachment A.
8. Special technical instructions (if outside protocol requirements, specify compound names, CAS numbers, detection limits, etc.): Calibration shall be in accordance with Section 8 of 524.2 protocol and reported as per IFB contract requirements. Note special requirements in method, Section 9.2, requiring demonstration of laboratory proficiency with the method. Tetrachloroethylene and those compounds listed in Attachment A shall be added as spiking compounds to all MS/MSD samples at a concentration of 5 ppb. Recoveries shall be between 70 and 130 percent. Follow method 524.2 for other procedures. Method blank results shall be less than target quantitation levels (TQLs). Internal standards and surrogates as per IFB at 5ppb. Initial calibrations shall be performed at 0.5ppb, 2ppb, 5ppb, 10ppb and 20ppb. Continuing calibration check shall be performed at 5 ppb (performed every 12 hours with acceptance criteria of RPD < 20%).
Use of 25ml sample volume is required unless lab can demonstrate identification and quantitation of ALL compounds at the specified Target Quantitation Limit in Attachment A.
9. Analytical results required (if known, specify format for data sheets, QA/QC reports, Chain-of-Custody documentation, etc.) If not completed, format of results will be left to program discretion. CLP SOW deliverables for VOA analysis are required.
10. Other (use additional sheets or attach supplementary information, as needed): _____
11. Name of sampling/shipping contact: John L. Roland, Ecology & Environment
Phone: (206) 624-9537

12. Data Requirements

Parameter	Quantitation Limit	Precision Desired (% or Concentration)
See Attachment A	See Attachment A	+ 20%
		Minimum RRF > 0.05

13. QC Requirements

Audits Required	Frequency of Audits	Limits (% or Concentration)
MS/MSD	10% of sample #	each spike added at 5 ppb recoveries 70-130%
Blanks	See Method 524.2 and item #8 above	
Surrogates	See Method 524.2 and item #8 above	

14. Action Required if Limits are Exceeded

Take corrective action and reanalyze samples. Contact Bruce Woods, QA chemist at 206-442-1193 or Gerald Muth, Regional DPO at 206-442-0370.

Please return this request to the Sample Management Office as soon as possible to expedite processing of your request for special analytical services. Should you have any questions or need any assistance, please contact your Regional representative at the Sample Management Office

ATTACHMENT A - CONSTITUENTS TO BE QUANTITATED

<u>CONSTITUENT</u>	<u>TARGET QUANTITATION LIMIT</u>
1,1,1-Trichloroethane	0.3 ug/L
1,1-Dichloroethylene	1.3 ug/L
1,1-Dichloroethane	0.7 ug/L
Trichloroethylene	1.2 ug/L
Tetrachloroethylene	0.3 ug/L
Methylene Chloride	0.5 ug/L
Benzyl Chloride	0.5 ug/L
Bis (2-chloroethoxy)methane	0.5 ug/L
Bromobenzene	0.5 ug/L
Bromodichloromethane	1.0 ug/L
Bromoform	2.0 ug/L
Bromomethane	0.5 ug/L
Carbon Tetrachloride	1.2 ug/L
Chlorobenzene	2.5 ug/L
Chloroethane	5.2 ug/L
Chloroform	0.5 ug/L
1-Chlorohexane	0.5 ug/L
Chloromethane	0.8 ug/L
Chloromethylmethyl ether	0.5 ug/L
Chlorotoluene	0.5 ug/L
Dibromochloromethane	0.9 ug/L
Dibromomethane	0.5 ug/L
1,2-Dichlorobenzene	1.5 ug/L
1,3-Dichlorobenzene	3.2 ug/L
1,4-Dichlorobenzene	2.4 ug/L
Dichlorodifluoromethane	0.5 ug/L
1,2-Dichloroethane	0.3 ug/L
trans-1,2-Dichloroethylene	1.0 ug/L
1,2-Dichloropropane	0.4 ug/L
trans-1,3-Dichloropropylene	3.4 ug/L
1,1,2,2-Tetrachloroethane	0.3 ug/L
1,1,1,2-Tetrachloroethane	0.5 ug/L
1,1,2-Trichloroethane	0.2 ug/L
Trichlorofluoromethane	0.5 ug/L
Trichloropropane	0.5 ug/L
Vinyl Chloride	1.8 ug/L